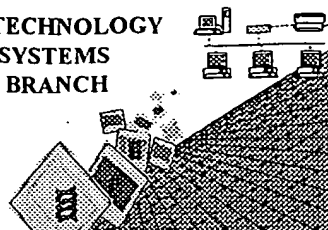


Joseph  
Murphy

1646

BIOTECHNOLOGY  
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09/811,285A

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1600

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/811,285A

DATE: 06/20/2002

TIME: 17:09:32

Input Set : A:\EP.txt

Output Set: N:\CRF3\06202002\I811285A.raw

*ppr 1-2*

**Does Not Comply  
Corrected Diskette Needed**

2 <110> APPLICANT: Drysdale, Connie  
 3 Judson, Richard  
 4 Liggett, Stephen  
 5 Nandabalan, Krishnan  
 6 Stephens, J. Claiborne  
 8 <120> TITLE OF INVENTION: Association of Beta2-Adrenergic Receptor Polymorphisms with  
 Drug Response  
 10 <130> FILE REFERENCE: MWH-0303US2  
 12 <140> CURRENT APPLICATION NUMBER: US 09/811,285A  
 13 <141> CURRENT FILING DATE: 2001-03-16  
 15 <160> NUMBER OF SEQ ID NOS: 30  
 17 <170> SOFTWARE: PatentIn version 3.1

## ERRORED SEQUENCES

*(sample of global format errors)*

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 W--> 148 <212> TYPE:  
 W--> 148 <213> ORGANISM:  
 W--> 148 <400> SEQUENCE: 2

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152	Ser	His	Ala	Pro	Asp	His	Asp	Val	Thr	Gln	Gln	Arg	Asp	Glu	Val	Trp
153				20					25					30		
155	Val	Val	Gly	Met	Gly	Ile	Val	Met	Ser	Leu	Ile	Val	Leu	Ala	Ile	Val
156			35					40					45			
158	Phe	Gly	Asn	Val	Leu	Val	Ile	Thr	Ala	Ile	Ala	Lys	Phe	Glu	Arg	Leu
159		50					55					60				
161	Gln	Thr	Val	Thr	Asn	Tyr	Phe	Ile	Thr	Ser	Leu	Ala	Cys	Ala	Asp	Leu
162	65					70				75					80	
164	Val	Met	Gly	Leu	Ala	Val	Val	Pro	Phe	Gly	Ala	Ala	His	Ile	Leu	Met
165				85						90					95	
167	Lys	Met	Trp	Thr	Phe	Gly	Asn	Phe	Trp	Cys	Glu	Phe	Trp	Thr	Ser	Ile
168			100						105					110		
170	Asp	Val	Leu	Cys	Val	Thr	Ala	Ser	Ile	Glu	Thr	Leu	Cys	Val	Ile	Ala
171			115					120					125			
173	Val	Asp	Arg	Tyr	Phe	Ala	Ile	Thr	Ser	Pro	Phe	Lys	Tyr	Gln	Ser	Leu
174		130				135						140				
176	Leu	Thr	Lys	Asn	Lys	Ala	Arg	Val	Ile	Ile	Leu	Met	Val	Trp	Ile	Val
177	145					150					155				160	
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## RAW SEQUENCE LISTING

DATE: 06/20/2002

PATENT APPLICATION: US/09/811,285A

TIME: 17:09:32

Input Set : A:\EP.txt

Output Set: N:\CRF3\06202002\I811285A.raw

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186          195          200          205
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189          210          215          220
191 Glu Ala Lys Arg Gln Leu Gln Lys Ile Asp Lys Ser Glu Gly Arg Phe
192 225          230          235          240
194 His Val Gln Asn Leu Ser Gln Val Glu Gln Asp Gly Arg Thr Gly His
195          245          250          255
197 Gly Leu Arg Arg Ser Ser Lys Phe Cys Leu Lys Glu His Lys Ala Leu
198          260          265          270
200 Lys Thr Leu Gly Ile Ile Met Gly Thr Phe Thr Leu Cys Trp Leu Pro
201          275          280          285
203 Phe Phe Ile Val Asn Ile Val His Val Ile Gln Asp Asn Leu Ile Arg
204          290          295          300
206 Lys Glu Val Tyr Ile Leu Leu Asn Trp Ile Gly Tyr Val Asn Ser Gly
207 305          310          315          320
209 Phe Asn Pro Leu Ile Tyr Cys Arg Ser Pro Asp Phe Arg Ile Ala Phe
210          325          330          335
212 Gln Glu Leu Leu Cys Leu Arg Arg Ser Ser Leu Lys Ala Tyr Gly Asn
213          340          345          350
215 Gly Tyr Ser Ser Asn Gly Asn Thr Gly Glu Gln Ser Gly Tyr His Val
216          355          360          365
218 Glu Gln Glu Lys Glu Asn Lys Leu Leu Cys Glu Asp Leu Pro Gly Thr
219          370          375          380
221 Glu Asp Phe Val Gly His Gln Gly Thr Val Pro Ser Asp Asn Ile Asp
222 385          390          395          400
224 Ser Gln Gly Arg Asn Cys Ser Thr Asn Asp Ser Leu Leu
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W--&gt; 236 &lt;211&gt; LENGTH:

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W--&gt; 240 &lt;211&gt; LENGTH:

Please contact Robert Wax at 703-306-4119 or

703-308-4216 for assistance